

Date: Fri, 8 Oct 93 04:30:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1192
To: Info-Hams

Info-Hams Digest Fri, 8 Oct 93 Volume 93 : Issue 1192

Today's Topics:

 Converting an HT
 Directional Finding
For Sale: HEATHKIT Most Accurate (WWV) Clock \$17
 Indian Earthquake Relief Net
 Motorola ad in QST?
Renewal rechargeable alkalines? (2 msgs)
 rote memorization
 Standards in 12V power cords.
 VK2WI Weekly News, 3 Oct 1993

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Oct 1993 23:08:32 GMT
From: olivea!korie!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!
myers@uunet.uu.net
Subject: Converting an HT
To: info-hams@ucsd.edu

In article 42v@usenet.ucs.indiana.edu, djadams@silver.ucs.indiana.edu (david
jerome adams) writes:

>
>

> Greetings! I was given an old UHF FM HT made by Standard Corp.
>It has six channels and is Model No. C7341 (C). I'd like to convert this
>over to ham band usage and was wondering if anyone out there knew anything
>about the radio and could guide me in this endeavor. Thanx.

Try calling Standard Radio and tell them you want the service manual for that radio. I don't offhand know the telco # for Standard but they advertise all the time in most ham rags.

You need to determine if the radio can be tuned to the amateur band; my guess is yes, it seems most UHF 450-470Mhz gear can tune down to 440Mhz.

If so, order the crystal(s) you need from a good vendor (I think Standard even sells xtals), install them and tune the radio *according to the service manual*, making allowances that you are tuning out of band.

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: Wed, 29 Sep 1993 17:31:57 GMT
From: ncar!destroyer!caen!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpcc05!hplds!a!brunob@ames.arpa
Subject: Directional Finding
To: info-hams@ucsd.edu

To enjoy DF-ing, you may start with simple event - like club picnic with FOX hunt of 20-30 min.
Gear should not be more complex than handy with dipol or loop that you carry in your hand. With more elemants your directivity will improve, however in hunt it si not the S-9 that counts, but the null of the FOX that will lead you.
As for the FOX use same old handy with timer that will key the TX 10 sec. of every min. For antenna use dummy load resistor 50ohm/2w.
FOX can be placed in trunk of the old tree, inside the decoy of duck floating in the park pond, in the baloon or kite flown by non member, in the back-pack of non-mamber repairing his/her bike during FOX hunt etc.
Small prize, like trip to Hawaii will attract members attention.

from the log of AA6AD

Date: Wed, 6 Oct 1993 18:11:25 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!asuvax!ncar!destroyer!vela.acs.oakland.edu!iunet!greg!

dsf@network.ucsd.edu

Subject: For Sale: HEATHKIT Most Accurate (WWV) Clock \$17

To: info-hams@ucsd.edu

HeathKit "World's Most Accurate Clock":

WWV receiver and decoder

displays time as transmitted by WWV on 5, 10, or 15 Mhz

time can be downloaded over included RS-232 port and used to set

computer clock

adjustment for propagation delay from WWV site

uses internal whip antenna or external antenna

excellent working condition

\$175 including UPS COD shipping

call (preferred)

Donn Fishbein, 419 678 4871 days, 419 586 1383 evenings

or respond via e-mail

Date: Thu, 7 Oct 1993 17:24:22 EDT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!

usenet.ins.cwru.edu!news.ysu.edu!psuvm!ucf1vm!jmeaker@network.ucsd.edu

Subject: Indian Earthquake Relief Net

To: info-hams@ucsd.edu

I'm looking for any information available about an Indian earthquake relief net. There are several Indian students here at the University of Central Florida who are raising money for earthquake relief. The question is how to best apply the funds raised.

If there is an active net, what times and frequencies does it meet?
If there is no net, how can a station in the stricken area be contacted?
Is there a third party agreement with India, and if so what communications are permitted? That is, would a "laundry list" of needed supplies be appropriate under these circumstances?

Any help would be appreciated.

Thanks,

John Meaker, KR4AH

Date: Thu, 7 Oct 1993 00:25:58 GMT

From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!math.ohio-state.edu!

howland.reston.ans.net!agate!news.ucdavis.edu!othello.ucdavis.edu!

ez006683@decwrl.dec.com
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

Bruce Burke Sp App (burke_br@adcae1.comm.mot.com) wrote:

I lost M. Deignan's line reference line somehow:

```
: }  
: }Err, I must be missing something...  
: }  
: }I fail to see how, all things being equal, the modification  
: }of firmware within a Motorola radio is considered "software  
: }piracy".  
: }  
: }If you build additional features into the radio, and attempt  
: }to circumvent them through software control, and someone  
: }discovers this by reverse-engineering and publishes the  
: }"fixes", I again fail to see how this is considered  
: }"software piracy".  
: }  
: }Perhaps you'd like to explain in a little more detail  
: }the reasoning?
```

: The firmware is all copyrighted, tampering with it is a crime!

I am not terribly familiar with the copyright laws but I am fairly sure that the altering of copyrighted property is not prohibited. to suggest so would be to say that I couldn't draw a moustache on the Cindi Crawford poster I purchased. Maybe I couldn't write in the borders of my copy of a copyrighted book. These arguments are the logical extension of what you suggest. If that is the case please let me know. It is possible that FCC certification relies upon using the radio only with Moto. mods and hacks to the firmware would invalidate the certification but that is not an issue with amateurs.

: Bruce, WB4YUC

73

Dan

--

```
*-----*  
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *  
*                      Internet: DDTODD@ucdavis.edu             *  
*                      Snail Mail: 1750 Hanover #102            *  
*                      Davis CA 95616                          *  
*-----*  
*      I do not speak for the University of California....      *
```

* and it sure as hell doesn't speak for me!! *

Date: Thu, 7 Oct 1993 23:17:18 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
spool.mu.edu!umn.edu!csus.edu!netcom.com!netcomsv!bongo!julian@network.ucsd.edu
Subject: Renewal rechargeable alkalines?
To: info-hams@ucsd.edu

In article <1993Oct7.070059.18696@bongo.tele.com> julian@bongo.tele.com (Julian Macassey) writes:
>In article <1993Oct7.023102.20602@news.uiowa.edu> drenze@icaen.uiowa.edu (Douglas J Renze) writes:
>>How do these new "Renewal" rechargeable alkalines stack up both against
>>regular alkalines and NiCds? I'm thinking mostly along the lines of
>>using these batts for HT's. Anybody tried 'em yet?
>
> They had an 800 number on the package. So I gave them a call
>and spoke to one of their engineers on their dime.
>
> I threw away my notes and his name and number as part of my
>paperwork reduction programme. But they are sending me data in the
>mail.

Here is some data from the bump Rayovac sent me:

Amphour ratings:

D Cell 5.5 C Cell 2.8 AA Cell 1.5
Note the rating will fall though the life of the cell.

High Current: (Milli Amperes)

D Cell 545 C Cell 308 AA Cell 308

Note: These cells should pull higher current, these are numbers from their sheets. My understanding is that these cells have the same characteristics as regular Alkalines execept the rechargeable feature.

For more info call Rayovac for data sheets.

(800) 223-8533 (608) 275-3340

To speak to an applications engineer, call Dave Wilberg at the above numbers. His extension is 4801

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: Thu, 7 Oct 1993 02:31:02 GMT
From: news.uiowa.edu!icaen.uiowa.edu!drenze@uunet.uu.net
Subject: Renewal rechargeable alkalines?
To: info-hams@ucsd.edu

How do these new "Renewal" rechargeable alkalines stack up both against regular alkalines and NiCds? I'm thinking mostly along the lines of using these batts for HT's. Anybody tried 'em yet?

73,

-doug

--

--	/	Douglas J Renze, N0YVW		Charter Member, Popular Front
\	'o.o'	+1 319 337 4664		for Revolutionary Darwinism:
=	(___)	= drenze@icaen.uiowa.edu		
	U	Douglas-Renze@uiowa.edu		Evolution Now!

Date: Thu, 7 Oct 1993 01:34:17 GMT
From: mulvey!rich@uunet.uu.net
Subject: rote memorization
To: info-hams@ucsd.edu

Derek Wills (oo7@emx.cc.utexas.edu) wrote:
: kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) exclaims:

: >>Yeah, I always get a kick out of those stories in QST:
: >>"4 YEAR OLD PASSES EXTRA!"
: >>
: >>Can you say "rote memorization"? Good, I knew you could.

: I'm sure what this means. Learning Morse code is rote memorization
: in the same way as counting from 1 to 10, learning the order of
: letters in the alphabet, or where the keys are on the typewriter.
: I've found all of these to be useful to know, and worth some effort

: to learn.

Yes, but learning 5WPM Morse is *supposed* to test rote memorization. The intent of the written exam is to test understanding of basic communications technology concepts. Unfortunately, the question pools are published, and since memorization is easier than making the effort to comprehend (ask any college student), people use that route.

- Rich

--

Rich Mulvey Amateur Radio: N2VDS Rochester, NY
rich@mulvey.com "Ignorance should be painful."

Date: Fri, 8 Oct 1993 03:06:19 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
spool.mu.edu!umn.edu!csus.edu!netcom.com!netcomsv!bongo!julian@network.ucsd.edu
Subject: Standards in 12V power cords.
To: info-hams@ucsd.edu

In article <152893@netnews.upenn.edu> yee@mipg.upenn.edu (Conway Yee) writes:

>It has been awhile since this thread has passed around and the last time,

>I don't think anyone answered this question to my satisfaction.

>

>The ARRL recommends the Molex 1545-series connector (last discussed

>QST 8/93 p. 50)

>

>My question is why? While fine for HT's, the current ratings on the Molex

>aren't quite up to the needs of a 100W class HF transciever. The article

>in QST didn't explain the design decisions which caused the ARRL to decide

>upon upon the Molex connectors. What were the disadvantages of other common

>connectors (e.g. Jones) and what were the advantages of the Molex?

I thought they did. Very simple really. The Molex connectors meet the Macassey criteria for component selection:

"Can you get the parts at any Radio Shack?"

The other thing is they are cheap, easy to use and pretty foolproof.

I have been using these connectors for years for the above reasons.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: 8 Oct 93 03:09:59 GMT
From: munnari.oz.au!metro!grivel!metz.une.edu.au!ddavidso@uunet.uu.net
Subject: VK2WI Weekly News, 3 Oct 1993
To: info-hams@ucsd.edu

In article <4627@eram.esi.COM.AU> dave@esi.COM.AU (Dave Horsfall) writes:
>DIVISIONAL NEWS

What happened?

After a long absence, it has returned.

Is this a real return, or just a one off special?

Pity about all caps though. What do these people use to write this stuff?
ASR33s?

In due course, I'll put it up on grivel (perhaps just for the historical
value, if nothing else!)

Dean

Date: Thu, 7 Oct 1993 16:49:14 GMT
From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!spool.mu.edu!umn.edu!
uum1!kksys.com!edgar!moran!nmmc!cgc.nmmc.com!chrisc@network.ucsd.edu
To: info-hams@ucsd.edu

References <CEfYBp.30y@cbnews.cb.att.com>,
<1993Oct6.160449.14770@rsg1.er.usgs.gov>, <CEHMTK.FzI@cbnews.cb.att.com>
Subject : Re: Codeless Tech Debate

In article <CEHMTK.FzI@cbnews.cb.att.com> jeffj@cbnews.cb.att.com
(jeffrey.n.jones) writes:
>From: jeffj@cbnews.cb.att.com (jeffrey.n.jones)
>Subject: Re: Codeless Tech Debate

{ Quite a lot deleted, but at the end of the final paragraph...}

> To no one's great surprise the no-codes are screaming about
>getting access to the HF bands with no real effort on their part. If
>they eliminate the CW requirement (they will someday) and I imagine in
>their infinite wisdom make the tests even easier, I just can't wait to
>what happens to HF. CB is a good case for what can happen when you

>do exactly what everyone seems to want. No code, no test and no quality!

Perhaps eventually they will stop screaming. The UK has had a code-free license for about twenty years now. The only difference (as I'm sure has been stated many times already) between access to 6 metres and down, and the whole amateur spectrum is the Morse code test.

Unless things have changed greatly during my 7 year absense the "no-coder's" there don't scream about getting free access to the HF bands. They just accept the code requirement as the passport to HF - I know I did.

Why should US no-code licensee's expect any different?

FWIW - In my case I chose to take the Morse test because I wanted to use it on the VHF/UHF bands. Today I still have very little interest in working HF, although I have the piece of paper that says I can do so.

73 one and all,

Chris

Chris

Chris Cox W0/G4JEC
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Fax: (612) 520-5237

----- For mail of a more social nature, please use -----
Internet: chrisc@moron.vware.mn.org
Amprnet: chrisc@biggus.g4jec.tcman.ampr.org

End of Info-Hams Digest V93 #1192
